

## Senate Redistricting Plan Proposals Explanation of Information Presented

- I. **Interactive Map:** Online application depicting each district in the proposed plan layered over current Senate districts. Current Senate districts are outlined in dark red. Proposed Senate districts are individually shaded by color with pink labels and borders. Each layer of districts may be turned on/off by the user, and level of detail for cities and towns, water features, highways and streets, etc. is variable with the user's zoom level.
  
- II. **Static Map:** A .PDF map of the state depicting each district in the proposed plan, including county names and boundaries, cities and towns, major water features, and U.S. Interstate Highways. Proposed Senate districts are individually shaded by color and with pink labels and borders.
  
- III. **Statistics:** The District Statistics table provides detailed information about each district, including actual population, absolute deviation, relative deviation, and voting age population broken down by demographic attributes. Summary fields included in the table are as follows:
  - a. **Population:** Total number of persons in a district according to 2020 U.S. Census Bureau data.
  - b. **Deviation:** Number of persons above or below the ideal district population of 111,270 persons.
  - c. **% Deviation:** Percentage by which a district's population deviates from the ideal district population size of 111,270 persons.
  - d. **Hispanic:** Number of persons in a district identified as being of Hispanic origin by the U.S. Census Bureau. See <https://www.census.gov/topics/population/race/about.html> for more information.
  - e. **% Hispanic:** Percentage of a district's population that are persons identified as being of Hispanic Origin by the U.S. Census Bureau.
  - f. **NH White:** Number of persons in a district whose race is identified as Non-Hispanic White by the U.S. Census Bureau. See <https://www.census.gov/topics/population/race/about.html> for more information.
  - g. **% NH White:** Percentage of a district's population that are persons whose race is identified as Non-Hispanic White by the U.S. Census Bureau.
  - h. **NH\_DOJ\_Blk:** Number of persons in a district whose race is identified as Non-Hispanic Black by the U.S. Census Bureau. See <https://www.census.gov/topics/population/race/about.html> for more information.
  - i. **% NH\_DOJ\_Blk:** Percentage of a district's population that are persons identified as Non-Hispanic Black by the U.S. Census Bureau.
  - j. **VAP:** Number of persons in a district 18 years of age and over (*i.e.*, "Voting Age Population").
  - k. **% VAP:** Percentage of a district's total population that are persons 18 years of age and over.
  - l. **HVAP:** Number of persons in a district 18 years of age and over identified as being of Hispanic Origin by the U.S. Census Bureau (*i.e.*, "Hispanic Voting Age Population").
  - m. **% HVAP:** Percentage of a district's population that are 18 years of age and over identified as being of Hispanic Origin by the U.S. Census Bureau.
  - n. **NH\_WVAP:** Number of persons in a district that are 18 years of age and over whose race is identified as Non-Hispanic White by the U.S. Census Bureau.
  - o. **% NH\_WVAP:** Percentage of a district's population that are 18 years of age and over whose race is identified as Non-Hispanic White by the U.S. Census Bureau (*i.e.*, "White Voting Age Population").
  - p. **NH\_DOJ\_BVAP:** Number of persons in a district 18 years of age and over whose race is identified as Non-Hispanic Black by the U.S. Census Bureau (*i.e.*, "Black Voting Age Population").
  - q. **% NH\_DOJ\_BVAP:** Percentage of a district's population that are 18 years of age and over whose race is identified as Non-Hispanic Black by the U.S. Census Bureau.

#### IV. Reports

##### a. Partisan Analysis Report

- i. The Partisan Analysis report analyzes election results from the 2020 Presidential General Election to determine the likely partisan-lean of a district in the proposed plan.

##### b. Political Subdivision Splits Report

- i. The Political Subdivision Splits report lists the number of political subdivisions (counties and Voting Tabulation Districts) in the proposed plan that are split by districts, the number of times a political subdivision is split into multiple districts, the number of splits involving no population, and then lists each split and the districts that the split political subdivisions are in.

##### c. Core Constituencies Report

- i. The Core Constituencies report compares the proposed plan to South Carolina's currently enacted Senate plan (S. 815, Act 71 of 2011). It calculates how much of each district in the proposed plan comes from each district in the currently enacted Senate plan. It displays both the number and percentage of demographic attributes (population and voting age population, white, black, and Hispanic persons). The report demonstrates the degree of preservation of the currently enacted Senate plan's core constituencies by the proposed plan.

##### d. Population Summary Report

- i. The Population Summary report lists the population, the deviation from the target value, and the percent deviation from the target value for each district in the proposed plan. It displays both the number and percentage of demographic attributes for each district's population (Hispanic Origin, White, and Black persons). The report also lists the proposed plan's total population, ideal district population, population range, ratio range, absolute range, absolute overall range, relative range, relative overall range, absolute mean deviation, relative mean deviation, and standard deviation.

##### e. Voting Age Population Summary Report

- i. The Voting Age Population Summary report lists the population, the deviation from the target value, and the percent deviation from the target value for each district in the proposed plan. It displays both the number and percentage of demographic attributes for each district's voting age population (Hispanic Origin, White, and Black persons). The report also lists the proposed plan's total population, ideal district population, population range, ratio range, absolute range, absolute overall range, relative range, relative overall range, absolute mean deviation, relative mean deviation, and standard deviation.